

Rabbit OPRM1 / Mu Opioid Receptor Polyclonal Antibody | anti-OPRM1 antibody

Rabbit Polyclonal to Human OPRM1 / Mu Opioid Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51661	Rabbit	Bat, Gibbon, Bovine, Chimpanzee, Dog, Gorilla, Hamster, Human, Monkey, Pig Predicted Reactivity: Mouse, Horse, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

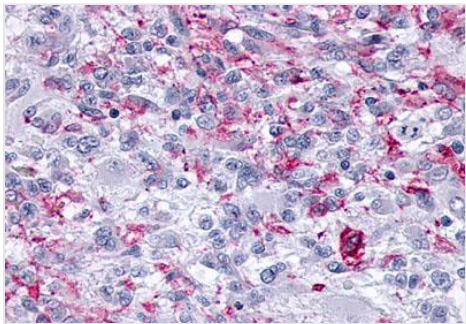
PRODUCT SYNONYMS

OPRM1 / Mu Opioid Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human OPRM1 / Mu Opioid Receptor; Anti-OPRM1 / Mu Opioid Receptor Antibody (C-Terminus) IHC-plus; OPRM1; M-OR-1; LMOR; MOR; Mu-type opioid receptor; HMOP; Opioid mu receptor; MOP; MOR-1; MOR1; Mu opioid receptor; Opioid receptor; mu 1; KIAA0403; MOR-1C; Mu opiate receptor; Mu opioid receptor hMOR-1a; Opioid mu-type receptor; OPRM; Human OPRM1; Mu Opioid Receptor; anti-OPRM1 antibody

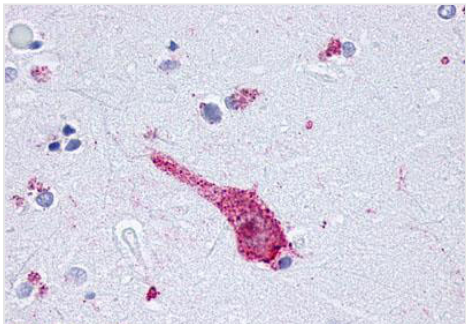
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Chimpanzee, Dog, Gorilla, Hamster, Human, Monkey, Pig Predicted Reactivity: Mouse, Horse, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human OPRM1 / Mu Opioid Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	400
Applicable Applications for anti-OPRM1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from C-terminus of human OPRM1 / Mu Opioid Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Dog, Bat, Bovine, Hamster, Elephant, Panda, Pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	OPRM1 / Mu Opioid Receptor antibody was raised against synthetic 18 amino acid peptide from C-terminus of human OPRM1 / Mu Opioid Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Dog, Bat, Bovine, Hamster, Elephant, Panda, Pig (100%); Mouse, Horse, Rabbit, Opossum, Platypus (94%); Rat (89%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-OPRM1 / Mu Opioid Receptor antibody IHC of human Brain, Glioblastoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-OPRM1 / Mu Opioid Receptor antibody IHC of human brain, neuron.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-OPRM1 antibody	OPRM1, an Opioid Receptor, mediates the effects of opioids such as morphine, heroin, fentanyl, methadone, and beta-endorphin. It is involved in the control of addiction, pain, and other mood-altering disorders.
Product Categories/Family for anti-OPRM1 antibody	Family: GPCR; Subfamily: Opioid

NCBI AND UNIPROT INFORMATION

NCBI GI #	117940060
NCBI GeneID	4988
NCBI Accession #	NP_000905.3
NCBI GenBank Nucleotide #	NM_000914.4
UniProt Accession #	P35372; Q12930; Q4VWM1; Q4VWM2; B0FXJ1; B2R9S7; B8Q1L7; B8Q1L8; B8Q1L9; E7EWZ3; G8XRH6; G8XRH8
Molecular Weight	20,188 Da
NCBI Official Full Name	mu-type opioid receptor isoform MOR-1
NCBI Official Synonym Full Names	opioid receptor, mu 1
NCBI Official Symbol	OPRM1
NCBI Official Synonym Symbols	MOP; MOR; LMOR; MOR1; OPRM; M-OR-1
NCBI Protein Information	mu-type opioid receptor; mu opiate receptor; mu opioid receptor hMOR-1a
UniProt Protein Name	Mu-type opioid receptor
UniProt Gene Name	OPRM1
UniProt Synonym Gene Names	MOR1; M-OR-1; MOR-1; MOP; hMOP
UniProt Entry Name	OPRM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.